



# Plantronics Voyager Legend Microphone Replacement

This guide will detail how to remove and replace the different components of the microphone assembly, which will fix communication problems for the users' receiver during a phone call.

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## INTRODUCTION

The microphone assembly is easily distinguished by its "boom-like" shape. The actual assembly is comprised of a voice-tube, and a circuit board system. The microphone replacement guide will detail how to carefully disassemble the microphone unit, and remove and replace the different components that comprise it.

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### TOOLS:

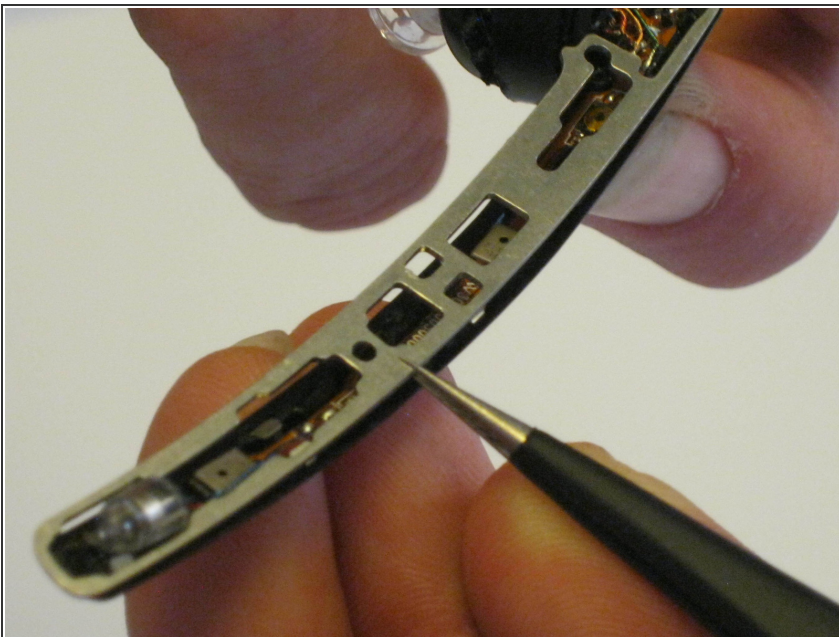
- [Spudger](#) (1)
  - [Metal Spudger Set](#) (1)
  - [Precision Tweezers Set](#) (1)
  - [Flush Wire Cutters](#) (1)
  - [Soldering Station](#) (1)
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## Step 1 — Microphone



- **Loosen snaps that hold the assembly together.**
- Use the pointed end of a small, metal Spudger to begin separation of the snaps, at the end of the unit.
- After initial separation, use the flat end of a plastic Spudger to continue loosening the snaps, by following long the circumference of the microphone unit.

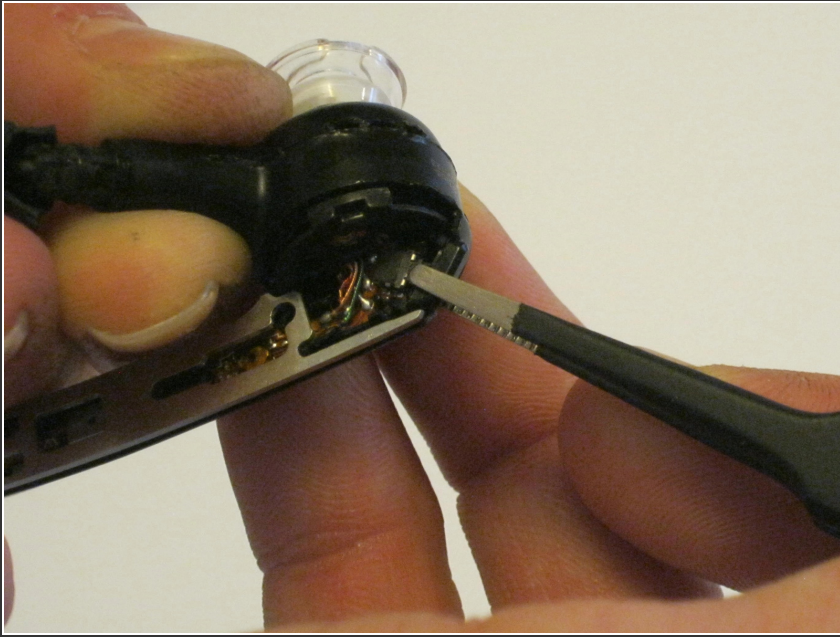
## Step 2



- Reveal the metal, protective plate by completely removing the top piece of the plastic housing.
- Use Precision Tweezers to remove the metal protective plate. This is done by lifting the plate out of place.

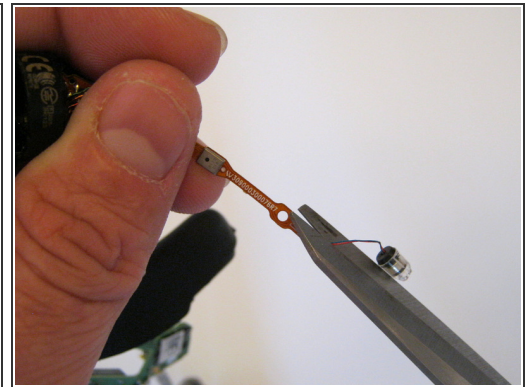
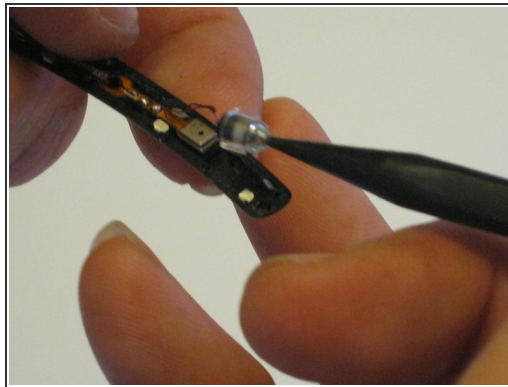
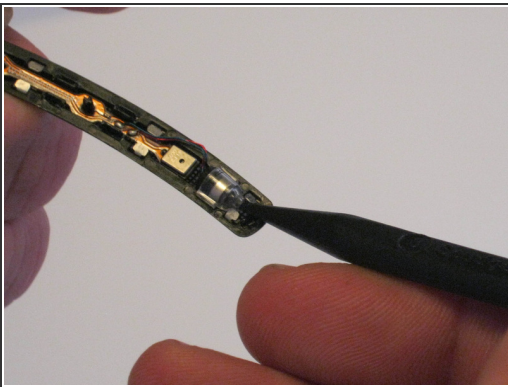


## Step 3



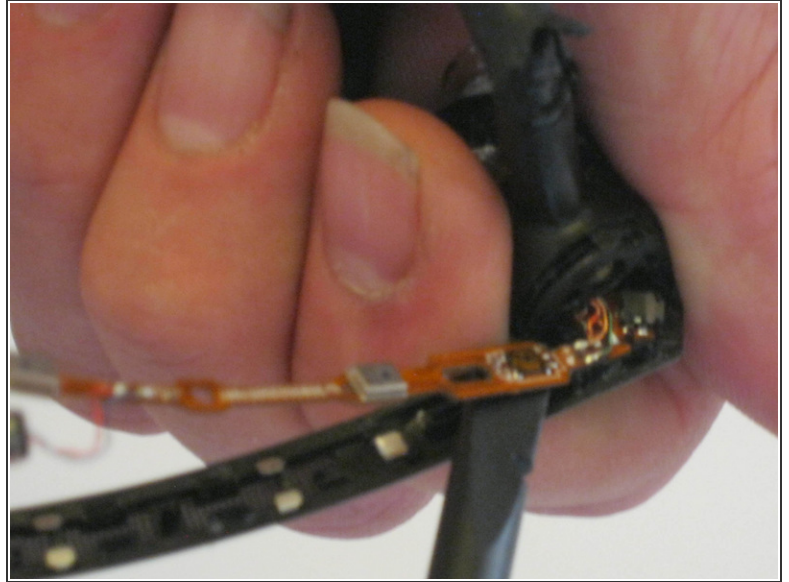
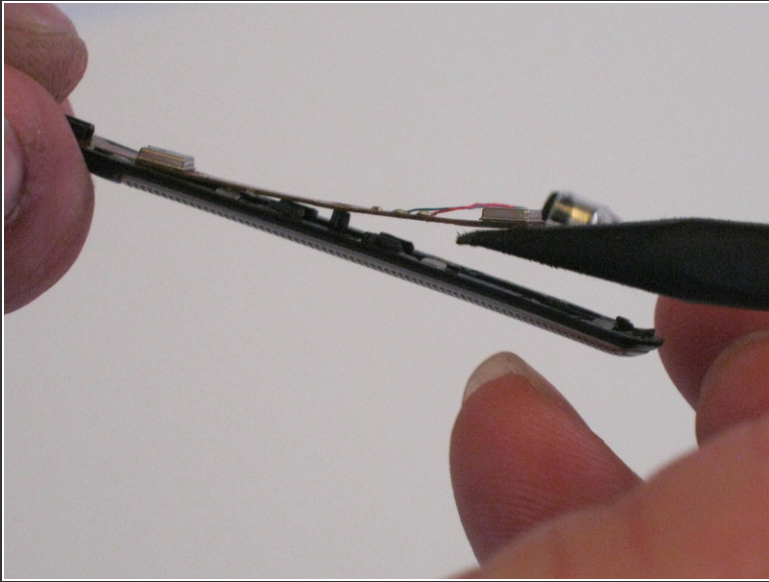
- Locate the volume button at the rear of the microphone assembly, near the earpiece assembly.
- Use Precision Tweezers to lift the volume button out of place and remove it.
- ⓘ Note the orientation of the volume button, taking notice of the hooks that hold it in place.

## Step 4




- **Remove the voice-tube.**
- Insert the pointed end of a plastic Spudger to lift the voice-tube out of position.
- Disconnect the leads that attach to the voice-tube.
- ⓘ If the voice-tube is the only component need replacement, stop here and follow the steps in reverse order for reassembly.

## Step 5



- **Remove the circuit board.**

- Use the pointed-end of a plastic Spudger to begin lifting the circuit board out of place. Begin at the end nearest the voice-tube location.
- Use the flat-end of a plastic Spudger to continue lifting the circuit board out of position.

 Notice the guiding pegs that hold the circuit board in place.

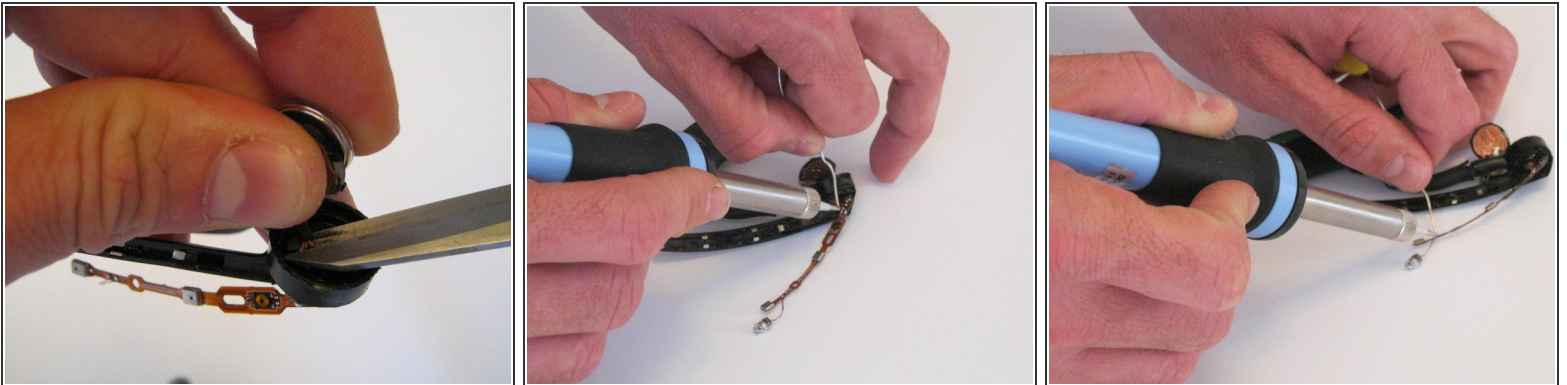



## Step 6



- **Access the leads that connect the circuitry.**
- Use the Spudger to make sure the circuit board is completely free.
- Expose the leads so they can be disconnected.

## Step 7



- **Install a new circuit board.**
  - Disconnect the leads using a pair of wire cutters. Scissors will work if no wire cutters are available.
  - Solder the leads into the correct location on the new circuit board.
-  Refer to the iFixit [soldering guide](#) for assistance with soldering.

To reassemble your device, follow these instructions in reverse order.

